

## **GROUND TEAM MEMBER WRITTEN EXAM**

Instructions: In taking this examination, follow the following rules:

1. Fill in the appropriate answer for this exam on the answer sheet (CAPF 23). Please note your test number on your answer sheet, and complete all identification blocks as well.
2. Do not write on this exam. Additional paper is available from the proctor should it be needed.
3. This is a closed book exam. A score of seventy-percent is required to pass this exam.
4. Failure to follow any of the above rules is cause for automatic failure of the exam.

**Take your time, Relax, and Good Luck!**

1. Over 75% of the survivors in search and rescue incidents are found in the first \_\_\_\_ hours.
  - a. 24
  - b. 48**
  - c. 72
  - d. none of the above
2. Upon completing a reimbursable mission, you should request any reimbursable expenses on which form?
  - a. CAPF 99
  - b. CAPF 104
  - c. CAPF 108**
  - d. CAPF 103
3. What color lens should you have on your flashlight to assist you in avoidance of night blindness?
  - a. blue
  - b. red**
  - c. yellow
  - d. green.
4. Every person should wear their gear identically so that they are standardized.
  - a. true
  - b. false**
5. Authorized reimbursable expenses include:
  - a. Fuel and oil for aircraft flight hours
  - b. Member-owned aircraft maintenance
  - c. Aircraft oxygen service
  - d. Commercial communications costs
  - e. All of the above**
6. Hazards that may be associated with participation in a CAP mission are:
  - a. Accident potential to/from the mission base
  - b. Operation under stress
  - c. Turning propellers and aircraft moving on the flight line.
  - d. Electrical or antenna wires.
  - e. All of the above.**
7. CAP members have no special dispensations over an ordinary citizen in relation to law enforcement or private property issues.
  - a. True**
  - b. False
8. What kind of insect is a known carrier of Lyme disease?
  - a. Deer Tick**

- b. Dog Tick
  - c. Sand Flea
  - d. None of the above.
9. Which of the following is not one of the three main symptoms of Lyme disease?
- a. ring-shaped rashes
  - b. jaundice skin**
  - c. pain and swelling of muscles and glands
  - d. flu-like symptoms (headache, fever, chills, etc.)
10. You should always pop blisters. It prevents the spread of infection.
- a. true
  - b. false**
11. Don't apply anti-histamine lotions or sprays to areas affected by poison plants because it may aggravate the rash and spread it farther.
- a. true
  - b. false**
12. Which of the following is not a recommended fatigue prevention tip?
- a. recognize and accept that team members get tired
  - b. sleep or rest when given the opportunity
  - c. let someone know if you can't perform a task because you are too tired
  - d. all of the above are recommended fatigue prevention tips**
13. When performing field operations, regulations require the wear of which of the following?
- a. hard hat
  - b. radio
  - c. orange vest**
  - d. none of the above
14. Cotton is the recommended material for all SAR uniforms in all climates.
- a. true
  - b. false** (page 5)
15. If your pace count for 100 meters is 60 paces how many paces would it take you to go 250 meters?
- a. 100 paces
  - b. 200 paces
  - c. 150 paces**
  - d. none of the above
16. Full heat acclimatization normally takes 3-5 days to accomplish.
- a. true** (page 6)
  - b. false
17. An aircraft is responding to your message by "yawing" the aircraft. This indicates that the answer is
- a. NO or negative** (page 79)
  - b. YES or affirmative
  - c. message received but not understood
  - d. none of the above
18. Information gathered from interviews should be relayed back to the Mission Coordinator as soon as possible via telephone or radio.
- a. true** (page 94)
  - b. false

19. Signs of stress associated with participating in a critical incident often appear days, weeks, or even months after the incident.  
**a. true** (page 122)  
b. false
20. All personnel react the same way to incidents they are involved in.  
a. true  
**b. false** (page 122)
21. Your pace count is always the same?  
a. true  
**b. false** (page 39)
22. Approximately what percentage of ELT/EPIRB missions are false alarms?  
a. 10-20%  
b. 40-50%  
c. 80-90%  
**d. 97-99%** (page 42)
23. What is the order of agencies in the callout chain for ELT/EPIRB missions to a CAP team?  
**a. SARSAT=>LUT=>RCC=>MCC=>CAP** (page 42)  
b. SARSAT=>LUT=>MCC=>RCC=>CAP  
c. SARSAT=>RCC=>LUT=>MCC=>CAP  
d. none of the above.
24. CAP is the only organization that searches for ELTs or EPIRBs.  
a. true  
**b. false** (page 42)
25. What is the primary frequency used for ELTs and EPIRBs in the United States.,  
a. 122.9 MHz  
b. 121.6 MHz  
**c. 121.5 MHz** (page 43)  
d. none of the above
26. What is the main training frequency utilized for ELTs and EPIRBs in the United States as of 1/31/98?  
**a. 121.775 MHz** (page 43)  
b. 243 MHz  
c. 122.0 MHz  
d. none of the above
27. Which of the following information is required to be copied from an ELT or EPIRB?  
a. manufacturer  
b. model and serial number  
c. battery expiration date  
**d. all of the above** (page 43)

28. You are at a mission and a reporter, family member, or interested bystander approaches you. You should **NOT**:

- a. Discuss the search target's description or the events leading up the loss or crash
- b. Discuss how the search is going or what leads/evidence have been found
- c. Speculate on the chances of finding the target
- d. Be rude or overly officious
- e. All of the above**

29. If a distress beacon is tracked to a locked vehicle, aircraft, boat, or building:

- a. Contact the AFRCC
- b. If entry is required, local law enforcement officials will preside over the entry
- c. Proceed no further
- d. Both a and b** (page 87)

30. What do search dogs actually follow to the victim or survivor?

- a. dead skin cells that are constantly being replaced by the human body** (page 45)
- b. sound from the victim that only dogs can hear
- c. both of the above
- d. none of the above

31. Exhaust fumes can destroy the possibility of a canine team being able to track from that area.

- a. true** (page 46)
- b. false

32. How many whistle signals are used in CAP typically?

- a. 2
- b. 3
- c. 4** (page 50)
- d. None of the above

33. What does one short whistle blow mean when conducting a line search?

- a. stop
- b. go** (page 50)
- c. danger
- d. assemble

34. How many members are required to be on a CAP ground team?

- a. 2
- b. 4
- c. 6
- d. none of the above

35. In the diagrams noted in your text reference, what symbol denotes a medical officer on the ground team?

- a. X
- b. M
- c. C
- d. +** (page 48)

36. In the diagrams noted in your text reference, what symbol denotes a communications officer on the ground team?

- a. X
- b. M
- c. C** (page 48)
- d. +

37. The best direction to safely approach a Hazmat scene or aircraft crashsite is

- a. upwind** (page 99, DIAGRAM)
- b. downwind
- c. from a 90° angle
- d. none of the above

38. To deactivate an ELT or EPIRB transmitter, CAP members may do anything necessary and will never be

prosecuted.

- a. true
- b. false** (page 87)

39. There are typically two types of compasses used in SAR. They are:

- a. Mountaineering + Lensatic
- b. Lensatic + Magnetic
- c. Lensatic + Orienteering** (page 27)
- d. Mountaineering + Orienteering

40. Prior to building your survival shelter, what is one of the most important factors with its construction?

- a. wind direction
- b. location of nearest water source
- c. availability of fire wood
- d. protect you from the elements** (page 68)

41. How far away have signal mirrors been spotted ?

- a. 12 miles
- b. 25 miles
- c. over 100 miles** (page 79)
- d. none of the above

42. Always leave your 24-hour pack in the vehicle unless it is absolutely necessary to take it with you.

- a. true
- b. false** (page 7)

43. How high should the aircraft be flying that is leading you in air to ground coordination scenarios?

- a. 500 feet above ground level in unpopulated areas
- b. 1,000 feet above ground level in populated areas
- c. both of the above are correct** ( lowest permitted altitudes by Federal Aviation Regulations)
- d. neither of the above are correct

44. There have been no known cases of health care workers contracting AIDS or HBV.

- a. true
- b. false** (page 102)

45. It may take up to a year for HBV to show up as positive in a blood test. This is why more than one test is required.  
**a. true** (page 102/103)  
b. false
46. HIV always shows symptoms and therefore can be easily diagnosed.  
a. true  
**b. false** (page 102/103)
47. The concept that all blood and certain body fluids are to be treated as if contaminated with HIV or other bloodborne pathogens is  
a. engineering controls  
b. work practice controls  
c. personal protective equipment  
**d. universal precautions** (page 105)
48. Body substance isolation is an acceptable alternative to universal precautions.  
**a. true** (page 105)  
b. false
49. What is the most effective method of preventing transmission of bloodborne pathogens?  
a. eye wash stations  
b. hand washing  
c. immunization against HBV  
**d. gloves and mask** (page 104)
50. Upon entering into a crash site, how many parts is the team recommended to break up into if it has a standard sized team, and conditions are ideal?  
a. one  
b. two  
c. three  
d. four  
e. none of the above
51. A rescue crew can't move wreckage parts for any reason.  
a. true  
**b. false** (page 96)
52. At an aircraft crash site, before NTSB investigators or local authorities assume control of the scene, any CAP person assigned to crash site security may act with the authority of law enforcement personnel.  
a. true  
**b. false** (page 97)
53. Normally survivors will be found within the "Four Corners" of an aircraft accident site.  
a. true  
**b. false**
54. The HAZ-MAT rule of thumb says "if you can't cover up the scene with your thumb when looking at it, then you are too close".  
**a. true**  
b. false

55. What CAPF is used for vehicle clearance?  
a. CAPF 101  
**b. CAPF 109**  
c. CAPF 108  
d. none of the above
56. Who is responsible for the vehicle when it is in motion?  
**a. the driver**  
b. the team leader  
c. the ground operations director  
d. none of the above
57. How many copies of the vehicle clearance form need to be made?  
a. 1  
**b. 2**  
c. 3  
d. none of the above
58. When should a vehicle inspection be completed?  
**a. prior to the vehicle leaving on any mission assignment**  
b. only after a mission is complete  
c. only at the start of the mission, never repetitively  
d. none of the above
59. Who at the mission base should keep a copy of the vehicle clearance form?  
**a. the vehicle clearance officer, ground branch director or operations section chief**  
b. the information officer or administrative officer  
c. the communications officer or message center clerk  
d. all of the above
60. The running end of a rope is the free end of the rope.  
**a. true** (page 58)  
b. false
61. A rope should be taken out of service if the core is visible or is beginning to fray.  
**a. true** (page 59)  
b. false
62. The purpose of an anchor is to secure a rope to a fixed point or to connect items to a fixed point.  
**a. true** (page 60)  
b. false
63. All CAP members can rappel on any ES missions as necessary, with a minimum of guidance.  
a. true  
**b. false** (CAPR's)
64. You should avoid rubbing ropes together under tension.  
**a. true** (page 60)  
b. false
65. Heating a rope to dry it out after use will not damage it.  
a. true  
**b. false** (page 60)
66. What are the necessities of survival as defined in the ground team member and leader reference text?

- a. fire, food, and water
- b. fire, food, shelter and the will to live
- c. food, water, and shelter** (page 66)
- d. none of the above

67. Which of the following is not one of the three ways to filter and purify water noted in the ground team member and leader reference text?

- a. boiling
- b. freezing** (page 66)
- c. filtering
- d. chemical purification

68. What fourth element of survival was presented in this course, but is not a necessity of life?

- a. food
- b. water
- c. fire** (page 66)
- d. shelter

69. It is not necessary to purify running water.

- a. true
- b. false** (page 66)

70. Which of the following are required to start a fire?

- a. fuel
- b. oxygen
- c. both of the above**
- d. none of the above

71. It can be imperative that a team be able to describe a track found during a search to personnel at mission base via radio so that it can be determined if a survivor has passed through an area.

- a. true** (page 53)
- b. false

72. For crash/disaster site surveillance, such arrangements should be temporary in nature and should specify that CAP members have no power to arrest or detain anyone but only to report those who decline to obey requests not to enter the area to authorities.

- a. true** (page 97)
- b. False

73. Trespass is defined as the wrongful disturbance of possessions or property, real or personal.

- a. true** (page 87)
- b. false

74. Negligence is defined as failure to exercise the degree of care that a person of normal prudence would exercise under the same circumstances.

- a. true** (page 87)
- b. false

75. In times of Martial Law, CAP members can be used for law enforcement assignments.

- a. true
- b. false** (page 88)

76. What federal agency determines probable cause in aircraft accidents?

- a. FAA
- b. NTSB** (page 96)
- c. FBI

d. CAB

77. CAP members can be used for security to forcefully prevent unauthorized entry to a crash site.

a. true

**b. false** (page 97)

78. What form is used as a CAP mission personnel sign-in roster?

a. CAPF 101

b. CAPF 102

**c. CAPF 103** (page 90)

d. none of the above

79. What form is used to file for reimbursement on authorized CAP missions?

a. CAPF 101

b. CAPF 104

**c. CAPF 108** (page 90)

d. CAPF 109

80. What are the dimensions of a freshly opened straddle trench latrine?

a. 1' x 1' x 1'

b. 1' x 2' x 1'

**c. 1' x 2' x 3'** (page 25)

d. none of the above

81. At what depth should a straddle trench latrine be closed?

**a. 1'** (page 25)

b. 2'

c. 3'

d. none of the above

82. Ideally, how far should a camp be established from a water source?

a. 100' upwind

**b. 200' downwind** (page 25)

c. 150' away, wind direction does not matter

d. none of the above

83. When establishing a new campsite it is necessary to find a place where a campfire can be built because a campfire must be built according to regulations.

a. true

**b. false**

84. A cat-hole is:

a. another form of latrine, similar in size and shape to the straddle trench latrine.

**b. a place to dispose of waste products that could not be incinerated or packed, as well as a place to clean mess kits and cooking gear.** (page 25)

c. both of the above

d. none of the above

85. On what form should personnel sign-in their vehicles or aircraft?
- a. CAPF 102
  - b. CAPF 103
  - c. CAPF 121** (page 90)
  - d. CAPF 122
86. If it takes you 58 paces to walk 100 meters, then how many paces would it take you to walk 150 meters?
- a. 83
  - b. 85
  - c. 87**
  - d. none of the above
87. What frequency does the next generation of ELTs operate on, transmitting location, tail number, and other basic information about the aircraft?
- a. 100 MHz
  - b. 240 MHz
  - c. 406 MHz** (page 43)
  - d. 604 MHz
88. A loop is a bend of 180 degrees in a rope.
- a. true
  - b. false** (page 58)
89. A coil is made of two or more loops
- a. true** (page 58)
  - b. false
90. The running end on a rope is the
- a. free end** (page 58)
  - b. standing end
  - c. whipped end
  - d. none of the above
91. What is the form used in CAP to record interview information?
- a. CAPF 103
  - b. CAPF 102
  - c. CAPF 122
  - d. CAPF 106** (page 90)
92. A \_\_\_\_ number of yes answers to the ten urgency questions indicates that the incident requires an emergency response.
- a. smaller
  - b. larger** (page 2)
93. Sunset is two hours away. Would you consider this to be a factor \_\_\_\_ the urgency of the incident because it is \_\_\_\_ to organize a search at night.
- a. decreasing / easier
  - b. increasing / more difficult** (page 1)
94. Alternatives such as hand cleaners and towelettes are not acceptable temporary alternatives to hand-washing for those without ready access to wash facilities.
- a. true
  - b. false** (page 103)

95. Hand washing is considered the most effective method preventing the transmission of blood borne pathogens.

**a. true** (page 103)

b. false

96. CAP members may remove the deceased from a crash site with proper federal, state, or local authority.

**a. true** (page 98)

b. false

97. CAP members are allowed to extricate an injured person if the victim's life is threatened.

**a. true** (page 96)

b. false

98. The mission of a CAP ground team is to find, identify, and render lifesaving first aid while safeguarding and assisting authorities at an aircraft crash site.

**a. true** (page 96)

b. false

99. Who is one of the two individuals at a mission base that can officially release information for press briefings?

**a. Information Officer**

b. Incident Commander

c. Public Affairs Officer

d. none of the above

100. Continuing education is required to remain qualified in all emergency services specialties.

**a. true** (page 124)

b. false

STOP

YOU HAVE NOW COMPLETED THE GROUND TEAM MEMBER WRITTEN EXAM